ViViX™

VIRTUAL HIGH DEFINITION™ PROCESSORS

ViViX™ TECHNOLOGY

RUNCO INTERNATIONAL

VHD™

VIRTUAL HIGH DEFINITION™

REVOLUTIONARY DIGITAL PROCESSING
MULTIPLE SCAN RATES
ASPECT RATIO CONTROL

RUNCO
The World's Finest Home Theater Products™

Runco has developed a new line of processors to meet the needs of virtually ANY type of display device on the market today! The VHD Ultra Processors have outputs with retrace times suitable for any type of CRT projector as well as VESA standard outputs for fixed-pixel displays. In addition to multiple scan rate/resolution outputs, the VHD Ultra Processors can output RGB or component signals as well as any combination of sync types and polarities- making this the most flexible processor ever developed. To top it off, these units provide full aspect ratio control for any type of display, whether on a 16:9 or a 4:3 screen. The feature set of this processor is only part of the story; its 10-bit video decoding and phenomenal scaling abilities provide what critics call the very best video image they've ever seen, thus the name—Virtual High Definition™ (VHD™) processing. Regardless of the type of projector or display you'll use with this processor, you'll find yourself saying "I didn't know my display could look this good"!

FEATURES

- Multiple Scan Rates
- Front Panel LCD Readout
- Full RS-232 and Infrared Control
- 3:2 Pulldown

- Built-in Time Base Corrector
- Aspect Ratio Control
- Pass-through for DTV or Computer sources

OUTPUT SIGNALS

VHD-4402 ULTRA

CRT 16:9

540P, 600P

Fixed Pixel

854 x 480

800 x 600

VHD-4403 ULTRA

CRT 16:9

540P, 600P

720P, 768P

Fixed Pixel

800 x 600, 854 x 480,

1024 x 768, 1366 x 768

VHD-4404 ULTRA

CRT 16:9

540P, 600P, 720P,

768P, 840P, 960P, 1080P

Fixed Pixel

800 x 600, 854 x 480,

1024 x 768, 1024 x 768 (A),

1280 x 768, 1366 x 768, 1280 x 1024,

1366 x 1024

SPECIFICATIONS

Inputs:	(1) Composite, (1) S-video, (1) Component, (1) Pass-through	**Aspect Ratio:**	Anamorphic, letterbox, 4:3
		Masking Outputs:	12VDC, 1/8A
Input Standards:	NTSC (PAL, NTSC Export version*)	**Bandwidth:**	Video inputs: 5.5 MHz
Power Input:	120 VAC (220V Export Models)		Pass-through: 100 MHz
Power Consumption:	15W	**Safety Regulations:**	Complies with: FCC Class 'B', CE, C-Tick
Control Options:	Discreet Infrared remote, RS-232, Front panel controls	**Operating Environment:**	41-95º F (5-35º C) 0-90º humidity (non-condensing)
Dimensions:	Width: 17.45 in./443.23 mm Depth: 16 in./406.40 mm Height: 3.5 in./88.90 mm Weight: 16 lbs./7.26 kg	**Included Accessories:**	Rack Ears

Call factory for more specific information on export specifications.

Specifications are subject to change without notice.
854 x 480 and 540p resolutions are available for NTSC only.